

Attorney Docket No. 36290-0415-00-US

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ACTING AS THE DESIGNATED/ELECTED OFFICE

In Re Patent Application Of: Patrick Gerard JOHNSTON; Daniel LONGLEY

Application No.:

Not Yet Assigned

(International Application No. PCT/GB2004/005006)

Filing Date:

(International Filing Date: 26 November 2004 (26.11.2004))

Customer No.:

23973

Invention:

**CANCER TREATMENT** 

### INFORMATION DISCLOSURE STATEMENT

MAIL STOP PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The present application is a 371 of PCT/GB2004/005006. Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, submitted herewith in duplicate is a substitute PTO Form 1449 listing the references cited in the Search Report in the international phase. It is believed that copies of the references have been or will be forwarded by the International Search Authority. Examiner is encouraged to contact the undersigned if reference copies have not been received.

#### CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.10

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The Examiner is respectfully requested to review the items listed on the PTO Form 1449 and make them of record in the instant application as required by M.P.E.P. §609. It is requested that the Examiner initial the enclosed duplicate substitute Form 1449, and return one copy to the undersigned.

This Information Disclosure Statement should not be construed as a representation that the cited references are material or that more references do not exist.

This statement is being submitted before receipt of any office action on the merits. Thus, no fee is due for the filing of this paper. However, if a fee is due, please charge deposit account 50-0573.

Respectfully submitted,

PATRICK GERARD JOHNSTON, et al.

RY

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SHEET 1 OF 2

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  FILING DATE	U.S. SERIAL NO.  Not Yet Assign	ed
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**U.S. PATENT DOCUMENTS** 

EXAMINER INITIAL	<u> </u>	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IFAPPROPRIATE)
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FOREIGN PATENT DOCUMENTS

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		AA	WO 03/035868 A	05/01/2003	WO					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		HYER, M.L. et al., "Downregulation of c-FLIP sensitizes DU145 prostate cancer cells to Fas-mediated
ļ	AB	anontosis" CANCER BIOLOGY & THERAPY, Vol. 1:4 (July 2002) pp. 401-406
	AC	USLU, R. et al., "Chemosensitization of human prostate carcinoma cell lines to anti-Fas-mediated cytotoxicity and apoptosis" CLINICAL CANCER RESEARCH, THE AMERICAN ASSOCIATION FOR CANCER RESEARCH, US. Vol. 3:6 (June 1997) pp. 963-972
	AD	THEARD, D. et al., "Etoposide and Adriamycin but not Genistein can activate the checkpoint kinase Chk2 independently of ATM/ATR" <i>BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS</i> , Vol. 289 (2001) pp. 1199-1204
	AE	GUROVA, K.V. et al., "Cooperation of two mutant p53 alleles contributes to Fas resistance of prostate carcinoma cells" CANCER RESEARCH, Vol. 63 (June 1 2003) pp. 2905-2912
	AF	IWASE, M. et al., "Enhanced susceptibility of oral squamous cell carcinoma cell lines to Fas-mediated apoptosi by Cisplatin and 5-Fluorouracil" <i>INTERNATIONAL JOURNAL OF CANCER</i> , Vol. 106 (Sep 10 2003) pp. 619-625
	AG	WAKASA, T. et al, "The combination of ionizing radiation and expression of a wild type p53 gene via recombinant adenovirus induced a prominent tumor suppressing effect in human oral squamous cell carcinoma" THE BRITISH JOURNAL OF RADIOLOGY, Vol. 75 (2002) pp. 657-662
	АН	SIEGMUND, D. et al., "Selective inhibition of FLICE-like Inhibitory Protein (FLIP) expression with small interfering RNA oligonucleotides (siRNAs) is sufficient to sensitize tumor cells for TRAIL-induced apoptosis" MOLECULAR MEDICINE, BLACKWELL SCIENCE, CAMBRIDGE, MA, US, Vol. 8:11 (Nov 2002) pp. 725-732

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ΑI	DATABASE EMBL-EBI "Homo sapiens FLICE-like inhibitory protein long form mRNA, complete cds."  Database accession no. U97074 (July 1, 1999)
	KAMARAJAN, P. et al., "Up-regulation of FLIP in cisplatin-selected HeLa cells causes cross-resistance to
AJ	CD95/Fas death signaling" BIOCHEMICAL JOURNAL, Vol. 376:1 (Nov 15 2003) pp. 253-260
AK	MAY, E. et al., "Endogenous HeLa p53 proteins are easily detected in HeLa cells transfected with mouse deletion mutant p53 gene" ONCOGENE, Vol. 6:8 (1991) pp. 1363-1366
AL	PEDERSEN, I.M. et al., "The triterpenoid CDDO induces apoptosis in refractory CLL B cells" <i>BLOOD</i> , Vol. 100:8 (Oct 15 2002) pp. 2965-2972
AM	POULAKI, V. et al., "Fas-mediated apoptosis in neuroblastoma requires mitochondrial activation and is inhibited by FLICE inhibitor protein and bc1-2" CANCER RESEARCH, Vol. 61 (June 15 2001) pp. 4864-4872
AN	MICHEAU, O., "Cellular FLICE-inhibitory protein: an attractive therapeutic target?" EXPERT OPINION ON THERAPEUTIC TARGETS, ASHLEY PUBLICATIONS, LONDON, GB, Vol. 7:4 (Aug 2003) pp. 559-573
	DATE CONSIDERED
	AJ AK AL AM

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es contributes to Fas 03) pp. 2905-2912	GUROVA, k carcinoma ce	905-2912	<u></u>		
AL OF CANCER, V	by Cisplatin 625	CANCER, Vol. 106	Fas-mediated apoptosis (Sep 10 2003) pp. 619-		
pp. 657-662	recombinant	ct in human oral sqi -662	uamous cell carcinoma"		
nhibitory Protein (Fensitize tumor cells BRIDGE, MA, US, V	interfering R	umor cells for TRA	IL-induced apoptosis"		
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 AK	MAY, E. et al., "Endogenous HeLa p53 proteins are easily detected in HeLa cells transfected with mouse deletion mutant p53 gene" ONCOGENE, Vol. 6:8 (1991) pp. 1363-1366
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